

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PMAS FORM PAT-1449)
Patent and Trademark Office

Atty. Dkt. No.
Ms.
Cont. Ref.
244954 1002

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

Applicants: GLENN et al.

Appl. No. 09/257,188

Filing Date: February 25, 1999

Examiner: G. Ewoldt Group Art Unit: 1644

Date: July 20, 2001

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U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>[initials]</i>	PA 3,837,340	09/1974	COUNTER			
	PB 3,948,263	04/1976	DRAKE			
	PC 3,982,536	09/1976	KROGSENG			
	PD 4,196,191	04/1980	ALMEIDA			
	PE 4,220,584	09/1980	LIMJUCO			
	PF 4,235,871	11/1980	PAPAHADJOPOULOS			
	PG 4,285,931	08/1981	LIMJUCO			
	PH 4,394,448	07/1983	SZOKA			
	PI 4,411,888	10/1983	KLIPSTEIN			
	PJ 4,455,142	06/1984	MARTINS			
	PK 4,484,923	11/1984	AMKRAUT			
	PL 4,497,796	02/1985	SALSER			
	PM 4,587,044	05/1986	MILLER			
	PN 4,692,462	09/1987	BANERJEE			
	PO 4,725,271	02/1988	KOROL			
	PP 4,732,892	03/1988	SARPOTDAR			
	PQ 4,743,588	05/1988	MIREJOVSKY			
	PR 4,761,372	08/1988	MAAS			
	PS 4,764,381	08/1988	BODOR			
	PT 4,783,450	11/1988	FAWZI			
	PU 4,834,985	05/1989	ELGER			
	PV 4,876,278	10/1989	TAYLOR			
	PW 4,877,612	10/1989	BERGER			
	PX 4,892,737	01/1990	BODOR			
	PY 4,908,389	03/1990	MAHJOUR			
	PZ 4,917,688	04/1990	NELSON			

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Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract	Translation Readily Available
						Enclosed No	Enclose No

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

Examiner

Date Considered 2/18/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Examiner's Initials	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
LSH	QA 4,917,895	04/1990	LEE			
	QB 4,921,757	05/1990	WHEATLEY			
	QC 4,929,442	05/1990	POWELL			
	QD 4,946,853	08/1990	BANNON			
	QE 4,956,171	09/1990	CHANG			
	QF 4,960,771	10/1990	RAJADHYAKSHA			
	QG 4,970,206	11/1990	ALEXANDER			
	QH 5,008,050	04/1991	CULLIS			
	QI 5,008,111	04/1991	BODOR			
	QJ 5,023,252	05/1991	HSIEH			
	QK 5,028,435	07/1991	KATZ			
	QL 5,030,629	07/1991	RAJADHYAKSHA			
	QM 5,032,402	07/1991	DIGENIS			
	QN 5,041,439	08/1991	KASTING			
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	QQ 5,049,387	09/1991	AMKRAUT			
	QR 5,059,189	10/1991	CILENTO			
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	QT 5,069,904	12/1991	MASTERSON			
	QU 5,082,866	01/1992	WONG			
	QV 5,108,921	04/1992	LOW			
	QW 5,142,044	08/1992	MINASKANIAN			
LSH	QX 5,162,315	11/1992	RAJADHYAKSHA			
	OY 5,164,406	11/1992	HELMAN			
	QZ					

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RB	5,169,637	12/1982	LENK			
RC	5,182,109	01/1993	TAMURA			
RD	5,196,410	03/1993	FRANCOEUR			
RE	5,200,393	04/1993	WEINER			
RF	5,204,339	04/1993	MINASKANIAN			
RG	5,215,520	06/1993	SHROOT			
RH	5,225,182	07/1993	SHARMA			
RI	5,232,935	08/1993	COLAS			
RJ	5,234,959	08/1993	MINASKANIAN			
RK	5,238,944	08/1993	WICK			
RL	5,240,846	08/1993	COLLINS			
RM	5,252,334	10/1993	CHIANG			
RN	5,256,422	10/1993	ALBERT			
RO	5,260,066	11/1993	WOOD			
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RQ	5,308,835	05/1994	CLEMENTS			
RR	5,326,566	07/1994	PARAB			
RS	5,326,790	07/1994	THORNFELDT			
RT	5,328,470	07/1994	NABEL			
RU	5,332,576	07/1994	MANTELLE			
RV	5,332,577	07/1994	GERTNER			
RW	5,340,588	08/1994	DOMB			
RX	5,352,449	10/1994	BELTZ			
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RZ	5,411,738	05/1995	HIND			

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	SB 5,445,611	08/1995	EPPSTEIN			
	SC 5,458,140	10/1995	EPPSTEIN			
	SD 5,462,743	10/1995	TURNER			
	SE 5,464,386	11/1995	HOFMANN			
	SF 5,472,946	12/1995	PECK			
	SG 5,482,965	01/1996	RAJADHYAKSHA			
	SH 5,492,698	02/1996	VON KLEINSORGEN			
	SI 5,505,956	04/1996	KIM			
	SJ 5,505,958	04/1996	BELLO			
	SK 5,533,995	07/1996	CORISH			
	SL 5,534,260	07/1996	PETERSEN			
	SM 5,536,263	07/1996	ROLF			
	SN 5,540,931	07/1996	HEWITT			
	SO 5,547,932	08/1996	CURIEL			
	SP 5,573,778	11/1996	TERRIAULT			
	SQ 5,578,475	11/1996	JESSEE			
	SR 5,580,859	12/1996	FELGNER			
	SS 5,589,466	12/1996	FELGNER			
	ST 5,593,972	01/1997	WEINER			
	SU 5,601,827	02/1997	COLLIER			
	SV 5,607,691	03/1997	HALE			
	SW 5,612,382	03/1997	FIKE			
	SX 5,614,212	03/1997	D'ANGELO			
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S&S	SZ 5,620,896	04/1997	HERMANN			

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	TC 5,658,587	08/1997	SANTUS			
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	TE 5,661,130	08/1997	MEEZAN			
	TF 5,674,503	10/1997	OLAFSON			
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	TH 5,679,647	10/1997	CARSON			
	TI 5,686,100	11/1997	WILLE			
	TJ 5,693,024	12/1997	FLOWER			
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	TS 5,722,397	03/1998	EPPSTEIN			
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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
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	UB 5,739,118	04/1998	CARRANO			
	UC 5,741,510	04/1998	ROLF			
	UD 5,756,117	05/1998	D'ANGELO			
	UE 5,760,096	06/1998	THORNFELDT			
	UF 5,766,899	06/1998	KUO			
	UG 5,770,580	06/1998	LEDLEY			
	UH 5,773,022	06/1998	NYQVIST-MAYER			
	UI 5,780,050	07/1998	JAIN			
	UJ 5,783,587	07/1998	HEDLEY			
	UK 5,789,230	08/1998	COTTON			
	UL 5,804,214	09/1998	WONG			
	UM 5,804,566	09/1998	CARSON			
	UN 5,811,406	09/1998	SZOKA			
	UO 5,814,599	09/1998	MITRAGOTRI			
	UP 5,814,617	09/1998	HOFFMAN			
	UQ 5,824,538	10/1998	BRANSTROM			
	UR 5,827,703	10/1998	DEBS			
	US 5,827,705	10/1998	DEAN			
	UT 5,830,876	11/1998	WEINER			
	UU 5,830,877	11/1998	CARSON			
	UV 5,834,010	11/1998	QUAN			
	UW 5,837,289	11/1998	GRASELA			
	UX 5,837,533	11/1998	BOUTIN			
1/2	UY 5,840,059	11/1998	MARCH			
	UZ 5,843,913	12/1998	LI			

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Examiner *Ewoldt* Date Considered: *2/18/03*

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Examiner: G. Ewoldt

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

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	VB 5,846,540	12/1998	RESTIFO			
	VC 5,846,949	12/1998	WAGNER			
	VD 5,849,719	12/1998	CARSON			
	VE 5,853,751	12/1998	MASIZ			
	VF 5,856,187	01/1999	RESTIFO			
	VG 5,858,784	01/1999	DEBS			
	VH 5,866,553	02/1999	DONNELLY			
	VI 5,877,159	03/1999	POWELL			
	VJ 5,877,302	03/1999	HANSON			
	VK 5,885,971	03/1999	GERMAN			
	VL 5,910,306	06/1999	ALVING			
	VM 5,910,488	06/1999	NABEL			
	VN 5,914,114	06/1999	CASSELS			
	VO 5,916,879	06/1999	WEBSTER			
	VP 5,935,838	08/1999	ASKELOEF			
	VQ 5,961,979	10/1999	SRIVASTAVA			
	VR 5,980,898	11/1999	GLENN			
	VS 5,985,847	11/1999	CARSON			
	VT 6,008,200	12/1999	KRIEG			
	VU 6,039,969	03/2000	TOMAI			
	VW 6,087,341	07/2000	KHAVARI			
	VW 6,173,202	01/2001	EPPSTEIN			
	VX 6,180,136	01/2001	LARSON			
<i>JA</i>	VY 6,183,434	02/2001	EPPSTEIN			
	VZ 6,210,672	04/2001	COWING			

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SEARCHED DOCUMENT							English Abstract	Translation Readily Available		
	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	Enclosed	No	Enclose	No

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		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
								Enclosed	No	Enclose	No
<i>SA</i>	XA	AU 47099/89	06/1990	AU							
	XB	WO 92/03122	03/1992	WIPO							
	XC	WO 94/21230	09/1994	WIPO							
	XD	WO 96/14855	05/1996	WIPO							
	XE	WO 96/25190	08/1996	WIPO							
	XF	WO 97/24447	07/1997	WIPO							
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	XJ	WO 98/10750	03/1998	WIPO							
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	XL	WO 98/42375	10/1998	WIPO							
	XM	WO 98/46208	10/1998	WIPO							
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	XO	WO 99/04009	01/1999	WIPO							
	XP	WO 99/08689	02/1999	WIPO							
	XQ	WO 99/08713	02/1999	WIPO							
	XR	WO 99/41366	08/1999	WIPO							
	XS	WO 99/43350	09/1999	WIPO							
	XT	WO 99/53960	10/1999	WIPO							
	XU	WO 99/60167	11/1999	WIPO							
	XV	WO 99/62537	12/1999	WIPO							
<i>SA</i>	XW	WO 00/44349	08/2000	WIPO							
	XX	WO 00/61184	10/2000	WIPO							
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Applicant: GLENN et al.

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Date: February 24, 2000

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Examiner: not assigned

Group Art Unit: 1614

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR						
BR						
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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							English Abstract	Translation Readily Available			
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		OR	WO 97/31119	08/1997	WIPO					X	
		PR	WO 97/24447	07/1997	WIPO					X	
		QR	WO 96/25190	03/1996	WIPO					X	
		RR	WO 96/14855	05/1996	WIPO					X	
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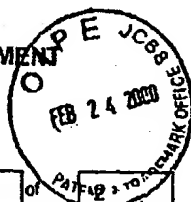
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							Enclosed	No	Enclose	No
	OR WO 99/62537	12/1999	WIPO						X	
	PR WO 99/60167	11/1999	WIPO						X	
	QR WO 99/53960	10/1999	WIPO						X	
	RR WO 99/08743	02/1999	WIPO						X	
	SR WO 99/08689	02/1999	WIPO						X	
	TR WO 99/04009	01/1999	WIPO						X	
	UR WO 98/46208	10/1998	WIPO						X	
	VR WO 98/10750	03/1998	WIPO						X	
	WR WO 98/01538	01/1998	WIPO						X	
	XR WO 97/35957	10/1997	WIPO						X	

Duplicates

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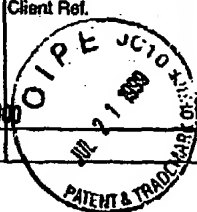
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Applicant: GLENN et al.

Appl. No.: 09/257,188

Filing Date: March 25, 1999

Examiner: M. Tung

Group Art Unit: 1644

Date: July 21, 1999

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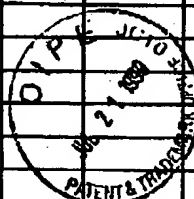
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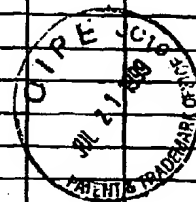
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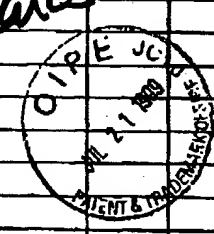
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	GR 5,256,422	10/1993	ALBERT			
	HR 5,326,790	07/1994	THORNFELDT			
	IR 5,332,576	07/1994	MANTELE			
	JR 5,340,588	08/1994	DOMB			
	KR 5,352,449	10/1994	BELTZ			
	LR 5,464,386	11/1995	HOFMANN			
	MR					
	NR					

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							Enclosed	No	Enclose	No
	OR 47099/89	06/1990	AU	SCHAEFER						
	PR 92/03122	03/1992	WO	CEVC						
	QR									
	RR									
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Date Considered: 7/18/95

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
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App. Mfr
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Client Ref. 1002

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

Applicants: GLENN et al.

Appl. No. 09/257,188

Filing Date: February 25, 1999

Examiner: G. Ewoldt

Group Art Unit: 1644

Date: July 20, 2001

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						Enclosed No	Enclose No

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244954		1002

INFORMATION DISCLOSURE STATEMENT
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Applicants: GLENN et al.	
Appln. No. 09/257,188	
Filing Date: February 25, 1999	
Examiner: G. Ewoldt	Group Art Unit: 1844

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	QE 4,956,171	09/1990	CHANG			
	QF 4,960,771	10/1990	RAJADHYAKSHA			
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	QH 5,008,050	04/1991	CULLIS			
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Examiner *Ewoldt* Date Considered: *7/18/03*

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INFORMATION DISCLOSURE STATEMENT
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Applicants: GLENN et al.
Appln. No. 09/257,188
Filing Date: February 25, 1999
Examiner: G. Ewoldt Group Art Unit: 1644

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INFORMATION DISCLOSURE STATEMENT
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Applicants: GLENN et al.
Appin. No. 09/257,188
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Group Art Unit: 1644

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INFORMATION DISCLOSURE STATEMENT
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Applicants: GLENN et al.

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Examiner

Ewoldt

Date Considered: 7/18/01

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**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicants: GLENN et al.
Appl. No. 09/257,188
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Date Considered: 7/18/03

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**INFORMATION DISCLOSURE STATEMENT
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Applicants: GLENN et al.

Appin. No. 09/257,188

Filing Date: February 25, 1999

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Examiner: G. Ewoldt

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VK	5,885,971	03/1999	GERMAN			
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VX	6,173,202	01/2001	EPPSTEIN			
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	XD	WO 96/14855	05/1996	WIPO							
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	XV	WO 99/62537	12/1999	WIPO							
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Examiner: *Ewoldt*

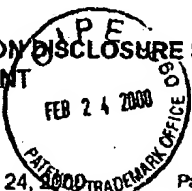
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INFORMATION DISCLOSURE STATEMENT
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Applicant: GLENN et al.

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Date: February 24, 2000 Page 2 of 2

Examiner: not assigned

Group Art Unit: 1614

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
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	MR					
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	QR WO 96/25190	08/1996	WIPO					X
	RR WO 96/14855	03/1996	WIPO					X
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	VR							
	WR							
	XR							

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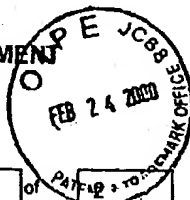
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Applicant: GLENN et al.

Appln. No.: 09/257,188

Filing Date: February 25, 1999

Examiner: not assigned

Group Art Unit: 1614

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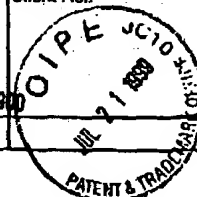
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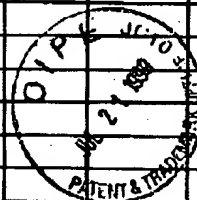
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Group Art Unit: 1644

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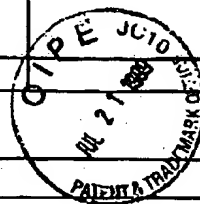
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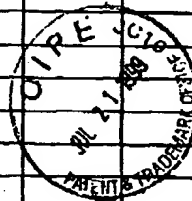
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